

**Abstract**

- An electrical connector, comprising: a dielectric base; a plurality of ground or power contacts in the dielectric base; a plurality of signal contacts in the dielectric base and angled relative to the ground or power contacts; and a plurality of solder balls secured to the mounting ends of the ground or power contacts and the signal contacts. An electrical connector, comprising: an insulative housing having a plurality of apertures extending therethrough; a plurality of contacts in the apertures; and a plurality of solder balls secured to the mounting ends of the contacts.
- 5 An electrical connector, comprising: an insulative housing with a mating face positionable adjacent a mating connector and a mounting face positionable adjacent a substrate; at least one contact extending between the mating face and the mounting face of the insulative housing and including a tail portion; and a solder mass secured to the tail portion
- 10 for securing the electrical connector to the substrate.
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